

Attorney Docket No.: 5649-1103

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Im et al.

Serial No.: 10/630,116

Filed: July 30, 2003

For: DEDICATED REDUNDANT CIRCUITS FOR DIFFERENT OPERATIONS IN A
FLASH MEMORY DEVICE AND METHODS OF OPERATING THE SAME

Group Art Unit: 2818

Examiner: Hoai V. Ho

Confirmation No.: 8336

December 23, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

Applicants provide the present Amendment to address the issues raised in the Official Action mailed September 27, 2004, pursuant to the rules stated in revised 37 C.F.R. 1.121 that became effective on July 30, 2003.

It is not believed that an extension of time and/or additional fee(s), including fees for additional claims, are required, beyond those that may otherwise be provided for in documents accompanying this paper. In the event, however, that an extension of time is necessary to allow consideration of this paper, such an extension is hereby petitioned under 37 C.F.R. §1.136(a). Any additional fees believed to be due in connection with this paper may be charged to our Deposit Account No. 50-0220.

Amendments to the Claims are reflected in the listing of claims, which begin on page 2 of this paper.

Remarks/Arguments begin on page 11 of this paper.

12/29/2004 HRLI11 00000036 10630116

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01/19/2005 TDAWKINS 00000001 500220 10630116

01 FC:1202

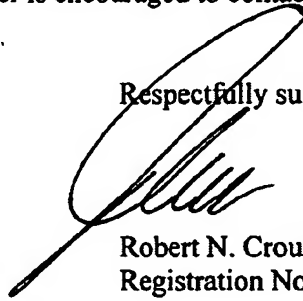
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With respect to Claim 22, as discussed above, Lee and Kim do not disclose at least the recitations discussed above in reference to Claim 19. Accordingly, even if Lee and Kim were combined as alleged, the combination would not teach all of the recitations of Claim 22 as this claim includes all the recitations of Claim 19 which, as discussed above, is patentable over Lee and Kim. Accordingly, Claim 22 is patentable over Lee/Kim in view of Akaogi for at least these reasons.

CONCLUSION

Applicants have placed several of the indicated allowable claims in condition for allowance as suggested by the Examiner. Applicants have canceled numerous rejected claims while rewriting others in allowable form. Applicants also amended Claim 19 to further highlight the patentable recitations therein and have shown at least some of the distinction between Lee and Kim. Accordingly, Applicants respectfully submit that all claims are in condition for allowance which is respectfully requested in due course. If any informal matters arise, the Examiner is encouraged to contact the undersigned by telephone at (919) 854-1400.

Respectfully submitted,



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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 23, 2004.


Candi L. Riggs

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Page 2

- ☐ Please charge my Deposit Account No. 50-0220 in the amount of \$ ____ for ____.
- ☒ A check in the amount of \$600.00 to cover the additional claims fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge the appropriate fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.

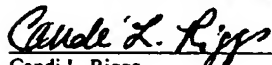
Respectfully submitted,


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Candi L. Riggs

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number

10630116

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		

RATE	FEE
	\$
X \$	=
X \$	=
+ \$	=
TOTAL	

RATE	FEE
	\$
X \$	=
X \$	=
+ \$	=
TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II

BEST AVAILABLE COPY

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	39	41	2
Independent (37 CFR 1.16(b))	9	6	3
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

RATE	ADDITIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

RATE	ADDITIONAL FEE
X \$50	= 100
X \$100	= 600 ⁰⁰
+ \$	=
TOTAL ADD'L FEE	700 Pd.

(Column 1)

(Column 2)

(Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))			
Independent (37 CFR 1.16(b))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

RATE	ADDITIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

RATE	ADDITIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

(Column 1)

(Column 2)

(Column 3)

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))			
Independent (37 CFR 1.16(b))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

RATE	ADDITIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

RATE	ADDITIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.